

#2

03500.017652

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
TAKASHI KENMOKU ET AL.	)	Examiner: Not Yet Assigned
Application No.: Not Yet Assigned	)	Group Art Unit: Not Yet Assigned
Int'l Application No. PCT/JP03/13530	)	
Filed: October 23, 2003	)	
For: NEW	)	
POLYHYDROXYALKANOATE	)	
COMPRISING UNIT HAVING	)	
(PHENYLMETHYL)OXY	)	
STRUCTURE ON SIDE CHAIN	)	
THEREOF, AND METHOD FOR	)	
PRODUCING THE SAME	)	April 15, 2005

**Mail Stop PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign patent publications and non-patent documents are also enclosed.


This Information Disclosure Statement is to make of record documents cited in the International Search Report in the international application of which the subject application is a national stage. A copy of the Search Report is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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NY MAIN 495088v1

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)ATTY DOCKET NO.  
03500.017652APPLICATION NO. N.Y.A/  
Nat'l Stage of  
PCT/JP03/13530

APPLICANT

Takashi Kenmoku et al.

FILING DATE

October 23, 2003

GROUP

N.Y.A.

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0013841 A1	01/16/03	Imamura et al.	528	271	
		2003/0208028 A1	11/06/03	Yano et al.	528	272	
		2003/0208029 A1	11/06/03	Honma et al.	528	272	
		2002/0160467 A1	10/31/02	Honma et al.	435	135	
		2003/0059907 A1	03/27/03	Suzuki et al.	435	135	
		2003/0180899 A1	09/25/03	Honma et al.	435	135	
		2001/0029039 A1	10/11/01	Honma et al.	435	135	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP	1 113 033 A2	07/04/01	Europe			
	EP	1 188 782 A2	03/20/02	Europe			
	EP	1 130 042 A2	09/05/01	Europe			
	EP	1 236 752 A2	09/04/02	Europe			
	EP	1 236 754 A2	09/04/02	Europe			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		Alexander Steinbüchel et al., "Diversity of Bacterial Polyhydroxyalkanoic Acids," 128 <u>FEMS Microbiol. Lett.</u> 219-28 (1995).
		Richard A. Gross et al., "Cyanophenoxy-Containing Microbial Polyesters: Structural Analysis, Thermal Properties, Second Harmonic Generation and In-Vivo Biodegradability," 39 <u>Polymer International</u> 205-13 (1996).
		Ohyoung Kim et al., "Bioengineering of Poly( $\beta$ -hydroxyalkanoates) for Advanced Material Applications: Incorporation of Cyano and Nitrophenoxy Side Chain Substituents," 41 (Supp. 1) <u>Can. J. Microbiol.</u> 32-43 (1995).
		Yasuo Takagi et al., "Biosynthesis of Polyhydroxyalkanoate with a Thiophenoxy Side Groups Obtained from <i>Pseudomonas putida</i> ," 32 <u>Macromol.</u> 8315-18 (1999).

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

10/531572

JCT2 Rec'd PCT/PTC 18 APR 2005

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>03500.017652</b>		APPLICATION NO. <b>N.Y.A.</b> <b>Nat'l Stage of</b> <b>PCT/JP03/13530</b>	
				APPLICANT <b>Takashi Kenmoku et al.</b>			
				FILING DATE <b>October 23, 2003</b>		GROUP <b>N.Y.A.</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>2003/0100084 A1</b>	<b>05/29/03</b>	<b>Honma et al.</b>	<b>435</b>	<b>135</b>	
		<b>2002/0164726 A1</b>	<b>11/07/02</b>	<b>Kenmoku et al.</b>	<b>435</b>	<b>118</b>	
		<b>2002/0022253 A1</b>	<b>02/21/02</b>	<b>Honma et al.</b>	<b>435</b>	<b>135</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>EP</b>	<b>1 236 755 A2</b>	<b>09/04/02</b>	<b>Europe</b>			
	<b>EP</b>	<b>1 118 629 A2</b>	<b>12/27/00</b>	<b>Europe</b>			
	<b>EP</b>	<b>1 340 776 A1</b>	<b>09/03/03</b>	<b>Europe</b>			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Suzette M. Aróstegui et al., "Bacterial Polyesters Produced by <i>Pseudomonas oleovorans</i> Containing Nitrophenyl Groups," 32 Macromol. 2889-95 (1999).</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.